

Attorney's Docket No.: 219.40423(ATSK)  
Intel No. P12686

**PATENT**

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**  
**(FOR INTEL CORPORATION PATENT APPLICATIONS)**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SOCKET WARPAGE REDUCTION APPARATUS AND METHOD**

the specification of which:

  X   Is attached hereto.  
       was filed on \_\_\_\_\_ as United States Application Number  
\_\_\_\_\_ or PCT International Application Number  
\_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

INTEL CORPORATION  
Rev. 08/05/98 (D3 INTEL)

SEP-27-2001 14:33

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703 312 6666

P.02

Prior Foreign Application(s):			Priority Claimed?	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

(Application Number)      Filing Date

(Application Number)      Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number)      Filing Date      (Status -- patented, pending, abandoned)

(Application Number)      Filing Date      (Status -- patented, pending, abandoned)

I hereby appoint: Donald R. Antonelli, Reg. No. 20,296; David T. Terry, Reg. No. 20,178; Melvin Kraus, Reg. No. 22,466; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973; Carl I. Brundidge, Reg. No. 29,621; Paul J. Skwierawski, Reg. No. 32,173; Robert M. Bauer, 34,487, my attorneys; of ANTONELLI, TERRY, STOUT & KRAUS, LLP with offices located at 1300 North Seventeenth Street, Suite 1800, Arlington, Virginia 22209, telephone: (703) 312-6600, fax: (703) 312-6666; and Alan K. Aldous, Reg. No. 31,905; Ben Burge, Reg. No. 42,372; Robert A. Burtzlaiff, Reg. No. 35,466; Richard C.

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Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg. No. 39,973; Jeffrey B. Huter, Reg. No. 41,086; John Kacvinsky, Reg. No. 40,040; Seth Z. Kalsen, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Charles A. Mirho, Reg. No. 41,199; Paul Nagy, Reg. No. 37,896; Leo V. Novakoski, Reg. No. 37,198; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skalst, Reg. No. 36,008; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256 and Charles K. Young, Reg. No. 39,435; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408)765-8080; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

Customer Number 020457  
ANTONELLI, TERRY, STOUT & KRAUS, LLP  
1300 North Seventeenth Street, Suite 1800  
Arlington, VA 22209

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Tim A. RENFRO

Inventor's Signature: 

Date: Oct 1 2001

Residence: Mesa, AZ  
(City, State) (Country)

Citizenship: USA

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Full Name of Second Inventor: Brian C. KLUGEInventor's Signature: Brian KlugeDate: 10/1/2001Residence: Chandler, AZ Citizenship: USA  
(City, State) (Country)Correspondence Address: 1132 W. Oriole Way  
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Full Name of Fourth Inventor: \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: \_\_\_\_\_  
(City, State) (Country)

Citizenship: \_\_\_\_\_

Correspondence Address: \_\_\_\_\_  
\_\_\_\_\_

Full Name of Fifth Inventor: \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: \_\_\_\_\_  
(City, State) (Country)

Citizenship: \_\_\_\_\_

Correspondence Address: \_\_\_\_\_  
\_\_\_\_\_

**Title 37, Code of Federal Regulations, Section 1.56**  
**Duty to Disclose Information Material to Patentability**

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by 991.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
  - (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
    - (i) Opposing an argument of unpatentability relied on by the Office, or
    - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
  - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

S/N 09/964619PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Tim A. Renfro et al.	Examiner:	Truc T. Nguyen
Serial No.:	09/964619	Group Art Unit:	2833
Filed:	September 28, 2001	Docket:	884.B24US1
Title:	SOCKET WARPAGE REDUCTION APPARATUS AND METHOD		
Assignee:	Intel Corporation	Customer No.:	21186

**REVOCATION AND POWER OF ATTORNEY**  
**CERTIFICATE UNDER 37 CFR § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with 37 C.F.R. Section 1.36, M.P.E.P. Section 402.05 and 402.07, please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith:

Aldous, Alan	Reg. No. 31,905	Malen, Peter L.	Reg. No. 44,894
Anderson, Robert D.	Reg. No. 33,826	Martinez, Anthony	Reg. No. 44,223
Anglin, J. Michael	Reg. No. 24,916	Mates, Robert E.	Reg. No. 35,271
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DeLizio, Andrew	Reg. No. 52,806	Proksch, Michael A.	Reg. No. 43,021
Dracger, Jeffrey S.	Reg. No. 41,000	Prout, William F.	Reg. No. 33,995
Drake, Eduardo E.	Reg. No. 40,594	Reif, Kevin A.	Reg. No. 36,381
Embretson, Janet E.	Reg. No. 39,665	Sayles, Crystal D.	Reg. No. 44,318
Faatz, Cindy	Reg. No. 39,973	Schumm, Sherry W.	Reg. No. 39,422
Forrest, Bradley A.	Reg. No. 30,837	Schwogman, Micheal L.	Reg. No. 25,816
Gagne, Christopher	Reg. No. 36,142	Seddon, Ken	Reg. No. 43,105

## REVOCATION AND POWER OF ATTORNEY

Serial Number: 09/964619

Filing Date: September 28, 2001

Title: SOCKET WARPAGE REDUCTION APPARATUS AND METHOD

Assignee: Intel Corporation

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Greenberg, Robert A.	Reg. No. 44,133	Skabrat, Steve	Reg. No. 36,279
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Lam, Peter	Reg. No. 44,855	Woessner, Warren D.	Reg. No. 30,440
Lin, Isaac	Reg. No. 50,672	Wong, Sharon	Reg. No. 37,760
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Lundmark, David C.	Reg. No. 42,815	Young, Charles K.	Reg. No. 39,435
Maki, Peter C.	Reg. No. 42,832		

STATEMENT UNDER 37 CFR § 3.73(b)

Intel Corporation is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor filed December 20, 2001 and recorded on Reel 012387, Frames 0232 - 0234.

Pursuant to 37 C.F.R. §3.73(b) I hereby declare that I, David Simon, am empowered to sign this statement on behalf of Intel Corporation, the assignee.

Please direct all correspondence in this case to:

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, Minnesota 55402  
612-373-6900

Date December 1, 2003

By

  
David Simon

Title: Chief Patent Counsel